

31 ~~505~~
21. The composition of Claim 20, wherein said inorganic salt, oxide or hydroxide of copper is selected from copper hydroxide, copper oxichloride, copper carbonate, copper(I) oxide and mixtures thereof.

22. The composition of Claim 20, wherein said inorganic salt, oxide or hydroxide of copper is copper hydroxide.

23. The composition of claim 20, wherein copper is present from 200 to 600 g/l, in the form of an inorganic salt, oxide or hydroxide of copper.

A2
24. The composition of claim 20, wherein the diameter of the particles of said inorganic salt, oxide or hydroxide of copper is not greater than 6 μm .

25. The composition of claim 20, wherein said terpenic derivative is a monoterpene or a mixture of monoterpenes.

26. The composition of claim 20, wherein said terpenic derivative is selected from terpenic hydrocarbons, oxidized derivatives of terpenic hydrocarbons, terpenic alcohols, terpenic aldehydes and ketones and mixtures thereof.

27. The composition of claim 20, wherein said terpenic derivative is a mixture of terpenic hydrocarbons and terpenic alcohols.

28. The composition of claim 20, wherein said terpenic derivative is an essential oil.

29. The composition of claim 20, wherein said terpenic derivative is a pine oil.

30. The composition of claim 20, wherein said terpenic derivative is a pine oil containing 90% of terpenic alcohols.

31. The composition of claim 20, wherein said terpenic derivative(s) is (are) present from 50 to 400 g/l.

32. The composition of claim 20, further comprising at least one surfactant.

33. The composition of claim 20, further comprising from 20 to 100 g/l of surfactant(s).

34. The composition of claim 20, further comprising a surfactant selected from:

- ethoxylated fatty acids,
- ethoxylated fatty alcohols,
- calcium alkylbenzenesulfonate,
- alkyl naphthalenesulfonates,
- ethoxylated alkylphenols,
- EO/PO block copolymers,
- PO/EO block copolymers,
- diisopropyl naphthalenesulfonates,
- dimethyl naphthalenesulfonates,
- di-n-butyl naphthalenesulfonates,
- ethoxylated dodecylphenols,
- sodium dodecylbenzenesulfonate,
- phosphoric esters of alkyl polyethers (acid forms and/or salts),
- phosphoric esters of ethoxylated arylphenols (acid forms and/or salts),
- phosphoric esters of ethoxylated polyarylphenols (acid forms and/or salts),
- ethoxylated castor oil,
- isopropyl naphthalenesulfonates,
- lignosulfonates,

- 32
C-2
- 33
- methylindaphthalenesulfonates,
 - methylnaphthalenesulfonates,
 - n-butylindaphthalenesulfonates,
 - ethoxylated octylphenols,
 - phenyl sulfonates,
 - polyalkylnaphthylmethanesulfonates,
 - polyacrylates,
 - ethoxylated polyarylphenols,
 - polycarboxylates,
 - polyvinylpyrrolidone and derivatives thereof,
 - salts of sulfonated cresol-formalin condensates,
 - salts of condensates of naphthalenesulfonic acid,
 - salts of acrylic acid-acrylic ester copolymers,
 - salts of maleic acid-olefin copolymers,
 - salts of maleic anhydride-isobutylene copolymers,
 - ethoxylated alkylphenol sulfates,
 - ethoxylated polyarylphenol sulfates,
 - sulfosuccinates,
 - taurates, and
 - ethoxylated tristyrylphenols.

35. A method of preparing a fungicidal, bactericidal or bacteriostic plant-protection composition comprising at least one inorganic salt, one oxide or one hydroxide of copper in suspension in an aqueous emulsion of at least one terpenic derivative, comprising the step of micronizing said inorganic salt, oxide or hydroxide of copper and other ingredients of the composition until a stable homogeneous suspension is obtained in which the size of the particles is less than 6 μm .

36. A method of preparing a fungicidal, bactericidal or bacteriostic plant-protection composition comprising at least one inorganic salt, one oxide or one hydroxide of copper in suspension in an aqueous emulsion of at least one terpenic derivative, comprising the step of admixing said inorganic salt, oxide or hydroxide of copper, having a diameter not greater than 6 μm , with other

B2
cat ingredients of the composition until a stable homogeneous suspension is obtained.

37. A method of enhancing the efficacy of an inorganic salt, oxide or hydroxide of copper in a plant-protection composition, comprising combining said inorganic salt, oxide or hydroxide of copper with a terpenic derivative.

A2
38. A method of treating plants with a product based on an inorganic salt, oxide or hydroxide of copper, comprising spraying an effective quantity of a plant-protection mixture prepared by mixing, in aqueous form, a composition of an inorganic salt, oxide or hydroxide of copper in suspension in an aqueous emulsion containing at least one terpenic derivative, on the plant to be treated.--

REMARKS

Original claims 1-19 have been canceled in favor of new claims 20-38, respectively, to avoid the multiple dependency of the original claims.

Respectfully submitted,

Ghislain DUFAU et al.

By

Michael R. Davis

Michael R. Davis

Registration No. 25,134

Attorney for Applicants

MRD/eah
Washington, D.C. 20006-1021
Telephone (202) 721-8200
Facsimile (202) 721-8250
April 25, 2001

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975